

WEST

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File: JPAB

Jun 26, 1984

PUB-NO: JP359110621A
DOCUMENT-IDENTIFIER: JP 59110621 A
TITLE: DIURETIC

PUBN-DATE: June 26, 1984

INVENTOR-INFORMATION:

NAME

COUNTRY

NIISATO, TETSUTARO
TAKEDA, TANEHITO
HIDAKA, HIDEMASA

ASSIGNEE-INFORMATION:

NAME

COUNTRY

MEIJI SEIKA KAISHA LTD

APPL-NO: JP57220167

APPL-DATE: December 17, 1982

US-CL-CURRENT: 514/61

INT-CL (IPC): A61K 31/70; C07H 3/06

ABSTRACT:

PURPOSE: To prepare a diuretic useful for the prevention and remedy, etc. of edema and ascites caused by nephropathy, by using 1-kestose, nystose and 1F fructofuranosyl nystose as active components.

CONSTITUTION: The objective diuretic contains the compound of formula composed of sucrose (GF) consisting of glucose (G) bonded with fructose (F) and 1~3 molecules of fructose bonded to the fructose fragment of said sucrose through β2-1 bond, i.e. 1-kestose (n=2), nystose (n=3) and 1F fructofuranosyl nystose (n=4), as active components. The present fructo-oligosaccharide diuretic exhibits strong diuretic effect by a mechanism different from that of the conventional diuretic, and ameliorates the edema caused by various diseases such as cardiopathy, nephropathy such as acute hepatitis, renal insufficiency, nephrosis, etc. The compound is also expected to prevent the hepatic coma and uremia.

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WEST Search History

DATE: Tuesday, May 28, 2002

<u>Set Name</u> <u>Query</u>		<u>Hit Count</u>	<u>Set Name</u>
side by side		result set	
DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
L22	l19 and l1	3	L22
L21	l20 and l1	2	L21
L20	(lactobacill\$3 or bifidobacteri\$3 or bifidobacter\$3) with (urea or ammonia)	121	L20
L19	(lactobacill\$3 or bifidobacteri\$3 or bifidobacter\$3) same (urea or ammonia)	257	L19
L18	(lactobacill\$3 or bifidobacteri\$3 or bifidobacter\$3) same ((urea near degrading) or (ammonia near2 philic))	0	L18
L17	(bacillus near2 pasteurii) same ((hepatic or renal or kidney) near2 (failure or dysfunction or disorder or disease or insufficiency))	0	L17
L16	(bacillus or sprorsarcina) same ((hepatic or renal or kidney) near2 (failure or dysfunction or disorder or disease or insufficiency))	15	L16
L15	l1 same (bacill\$3 or sporosarcina)	39	L15
L14	l1 same (probiotic or bacill\$3 or sporosarcina)	45	L14
L13	l1 same (probiotic or bifidi\$2 or bifidobacteri\$2 or lactobacill\$3 or bacill\$3 or sporosarcina)	63	L13
L12	((phosphorus or phosphate) near2 (bind\$4 or sorbent or adsorbent)) and ((aluminum or calcium or magnesium) near2 hydroxide) and l1	44	L12
L11	((phosphorus or phosphate) near2 (bind\$4 or sorbent or adsorbent)) and l7	159	L11
L10	((phosphorus or phosphate) near2 (bind\$4 or sorbent or adsorbent)) and l9	44	L10
L9	((aluminum or calcium or magnesium) near2 hydroxide) and l8	190	L9
L8	((phosphorus or phosphate) with (bind\$4 or sorbent or adsorbent)) and l1	1123	L8
L7	(phosphate with (bind\$4 or sorbent or adsorbent)) and l1	1102	L7
L6	l1 same ((aluminum or calcium or magnesium) near2 hydroxide)	33	L6
L5	l1 and ((aluminum or calcium or magnesium) near2 hydroxide)	1093	L5
L4	(fructooligosaccharide or (fructo near oligosaccharide) or arabanose or araban) and l1	35	L4
L3	L2 and l1	9	L3
L2	prebiotic	113	L2
L1	uremic or uremia or ((renal or kidney or gastrointestinal) near2 (failure or disease or dysfunction))	16886	L1

END OF SEARCH HISTORY

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(FILE 'HOME' ENTERED AT 11:49:10 ON 28 MAY 2002)

FILE 'BIOSIS' ENTERED AT 11:49:15 ON 28 MAY 2002

L1 15939 S LACTOBACILL###
L2 98956 S AMMONIA OR UREA
L3 210 S L1 (L) L2
L4 54555: S KIDNEY OR RENAL OR HEPATIC
L5 5 S L3 (L) L4
L6 121 S AMMONIA (L) DEGRADING
L7 3 S L6 (L) L1

FILE 'STNGUIDE' ENTERED AT 11:52:08 ON 28 MAY 2002

FILE 'BIOSIS' ENTERED AT 11:52:49 ON 28 MAY 2002

L8 11 S AMMONIA AND UREA AND L1
L9 12 S L8 NOT L7
L10 12 S L8 NOT L5